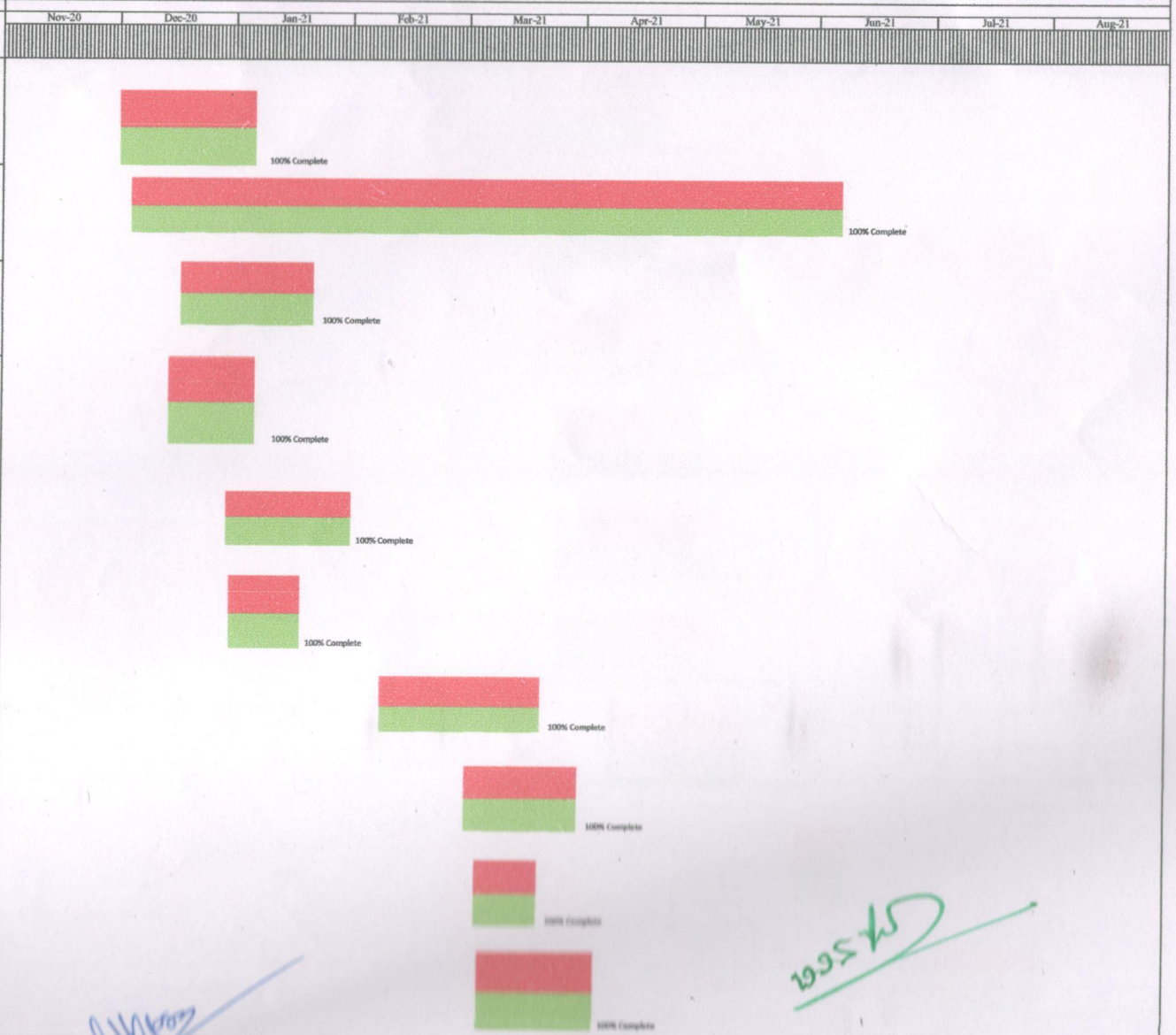
BRUHAT BENGALURU MAHANAGARA PALIKE

Clients Name	: Executive Engineer Project Division
Project Name	: Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05
Consultants	: Civil Pro
Project Manager /Team Leader	: Karthik Rechan
Project Start Date	: 30-11-20
Project End Date	: 27-08-21
Project Length in Months	: 9 Months

Sl. No	Assignment	Unit	Modified schedule-B Qnty	Qty of Work done	% Of Work done	Start Date	End Date	No. of Working Days
3	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	4944.08	4944.08	100	01-12-20	05-01-21	35
6	Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed,	Cum	1100.76	1100.76	100	04-12-20	14-06-21	192
7	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed,	Cum	1328.72	1328.72	100	17-12-20	20-01-21	34
8	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid)	Tonne	87.51	87.50	100	14-12-20	05-01-21	22
9	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,	Sqm	3063.17	3063.17	100	29-12-20	30-01-21	32
10	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work, curing, including cost of alll materials, labour,	Sqm	82.06	82.06	100	31-12-20	17-01-21	17
14	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges,	Sqm	3535.77	3535.77	100	09-02-21	19-03-21	38
15	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour,	Sqm	6210.77	6210.77	100	01-03-21	29-03-21	28
16	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site,	Cum	401.25	401.25	100	04-03-21	19-03-21	15
17	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site,	Cum	1604.09	1604.09	100	05-03-21	04-04-21	30



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18	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labbour,	Sqm	4273.09	4273.09	100	15-03-21	19-04-21	35
19	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	5209.34	5209.34	100	18-03-21	19-04-21	32
20	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade,	Cum	260.47	260.47	100	18-03-21	19-04-21	32
21	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,	Sqm	8015.22	8015.22	100	23-03-21	30-04-21	38
22	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour,	Sqm	10492.67	10492.67	100	24-03-21	03-05-21	40
23	Providing and laying Bituminous Concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade,	Cum	419.71	419.71	100	24-03-21	03-05-21	40
24	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area,	Sqm	310.24	310.24	100	08-04-21	10-05-21	32
25	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.	Cum	69.00	69.00	100	25-05-21	09-06-21	15
26	Cement concrete pavement. Construction of un-reinforced plain cement concrete for pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,	Cum	378.08	378.08	100	02-07-21	28-07-21	26

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E1	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	1245.62	1245.62	100	19-02-21	23-03-21	32

LEGEND

= Planned %

= Executed %